

What Is Claimed Is:

1. A housing for electronic control units comprising:
 - a bottom section for attaching the electronic control units; and
 - a cooling device for enabling heat to be dissipated from the housing via a liquid flowing therethrough, the cooling device being situated in the bottom section.
2. The housing according to claim 1, wherein the housing is situated in a motor vehicle.
3. The housing according to claim 1, wherein the bottom section includes a cooling plate.
4. The housing according to claim 3, wherein the cooling plate has at least one integrated cooling channel.
5. The housing according to claim 4, wherein sectional members for conducting heat and reinforcing the bottom section are situated on an outside of the cooling channel.
6. The housing according to claim 4, wherein the cooling channel passes through the bottom section in a linear manner.
7. The housing according to claim 4, wherein the cooling channel has a round cross-section.
8. The housing according to claim 4, wherein an inlet of the cooling channel and an outlet of the cooling channel have threaded connectors leading into and out of the bottom section.
9. The housing according to claim 3, wherein the cooling plate has separate cooling channels.

10. The housing according to claim 9, wherein the separate cooling channels are connected by at least one separate cross hole.
11. The housing according to claim 1, wherein the bottom section is manufactured by injection molding.
12. The housing according to claim 1, wherein the bottom section is manufactured by die-casting.